



Drought Information Statement for Southern Wisconsin

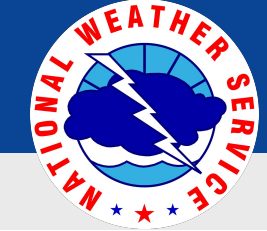
Valid September 28, 2023

Issued By: NWS Milwaukee

Contact Information: nws.milwaukee@noaa.gov

- This product will be updated October 12, 2023 or sooner if conditions change considerably.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/mkx/DroughtInformationStatement> for previous statements.





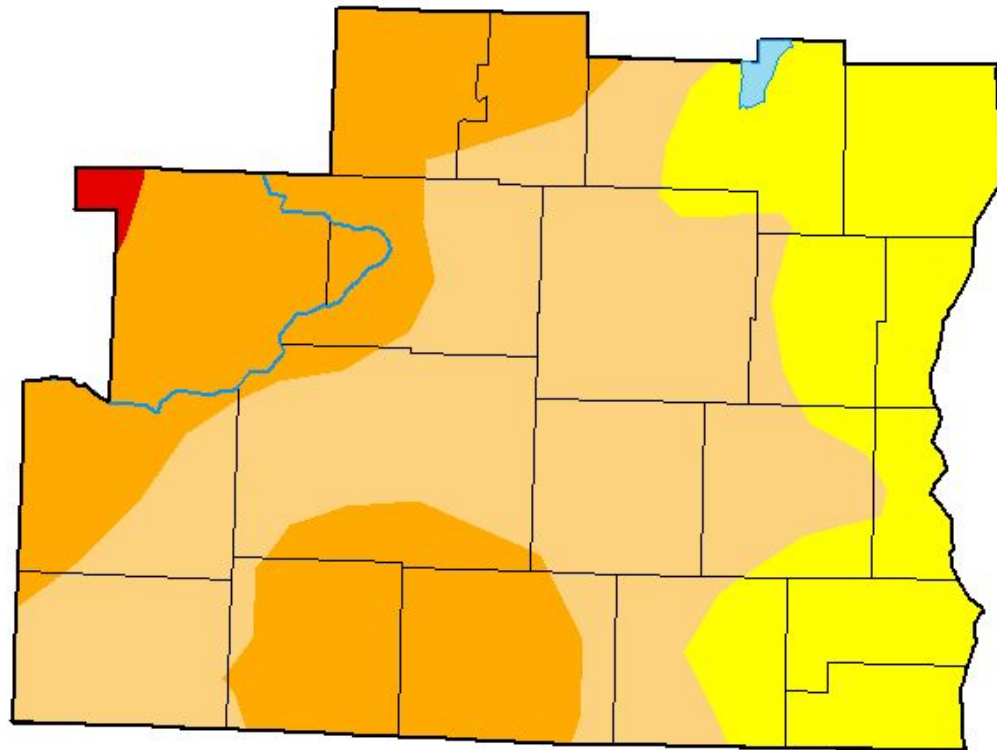
U.S. Drought Monitor

September 28, 2023
10:15 AM

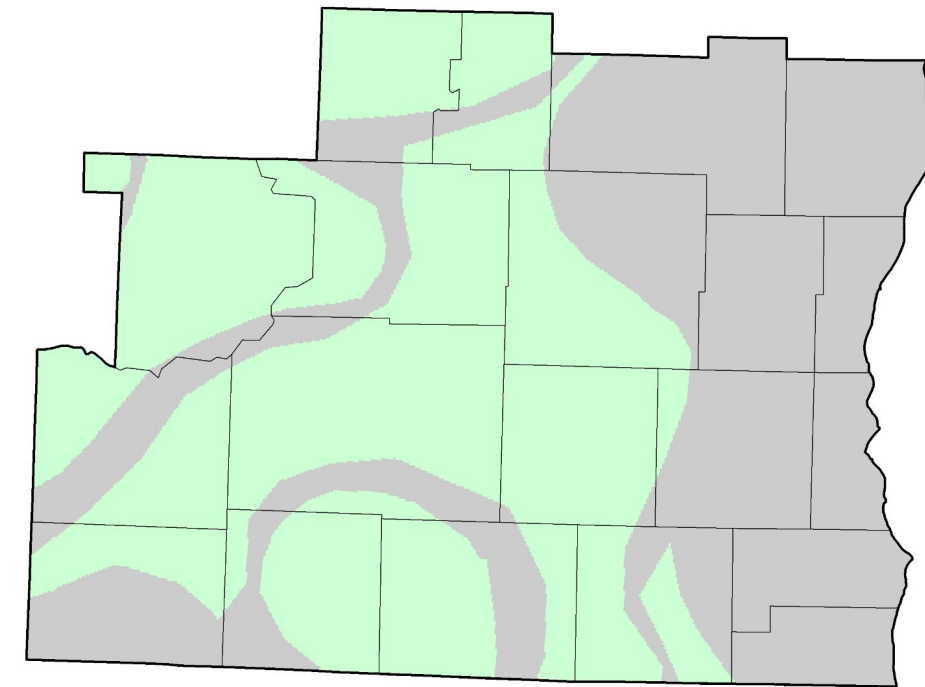
Link to the [latest U.S. Drought Monitor](#) for Wisconsin

- Drought conditions improved one category across much of southwest and south-central Wisconsin
- Those areas received above average rainfall over the past week (ending Tue Sep 26)

U.S. Drought Monitor
September 26, 2023
Released Sep 28, 2023



1 Week Drought Condition Class Change
Sep 26 compared to Sep 19



- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change
- 1 Class Improvement
- 2 Class Improvement
- 3 Class Improvement
- 4 Class Improvement
- 5 Class Improvement

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought





Observed Precipitation

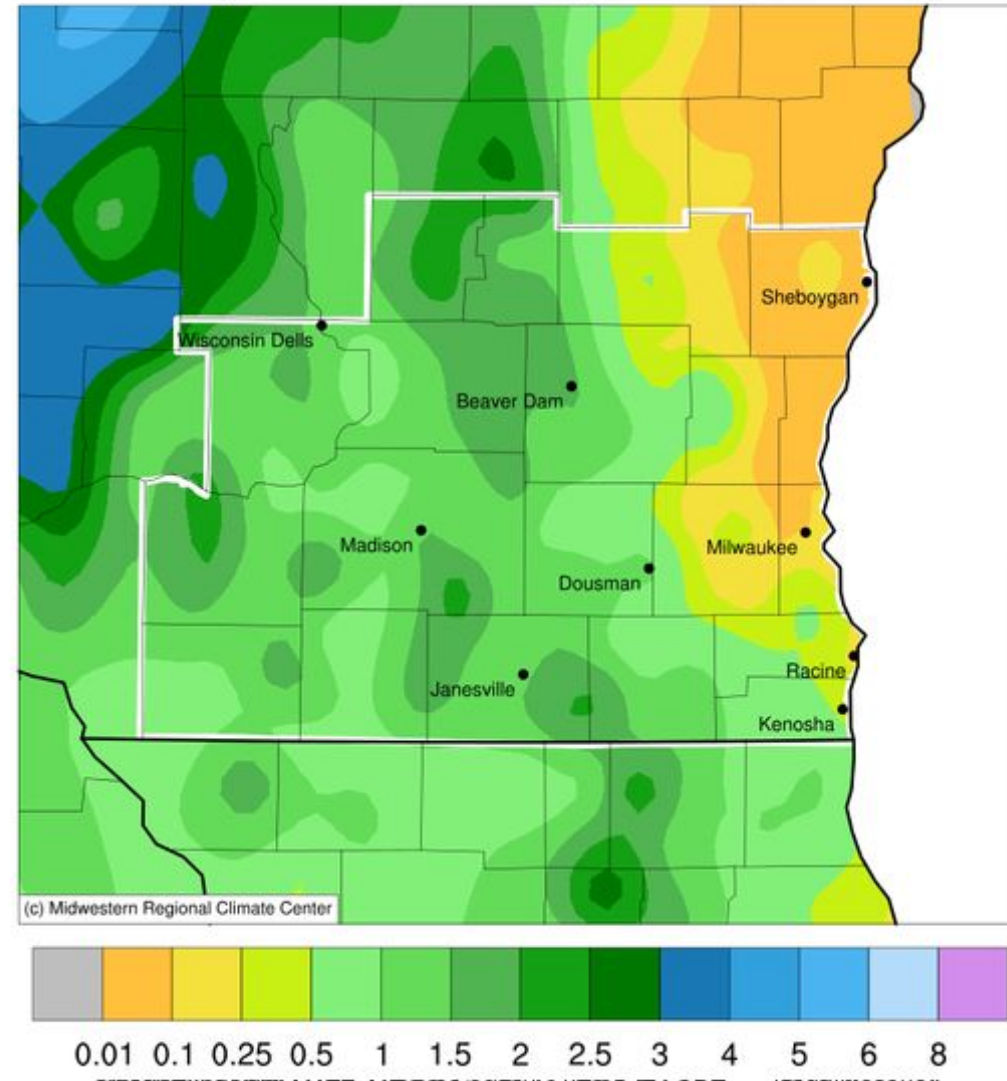
September 28, 2023
10:15 AM

- The drought conditions improved by one category in areas where 1-2.5 inches of rain fell over the past week (ending Tue Sep 26). That is 1 to 3 times the weekly average.
- Longer term precipitation deficits remain. Deficits since May 1 are 6 to 12 inches in the Severe (D2) and Extreme (D3) and part of the Moderate (D1) drought areas.

Past 7 Days

Accumulated Precipitation (in)

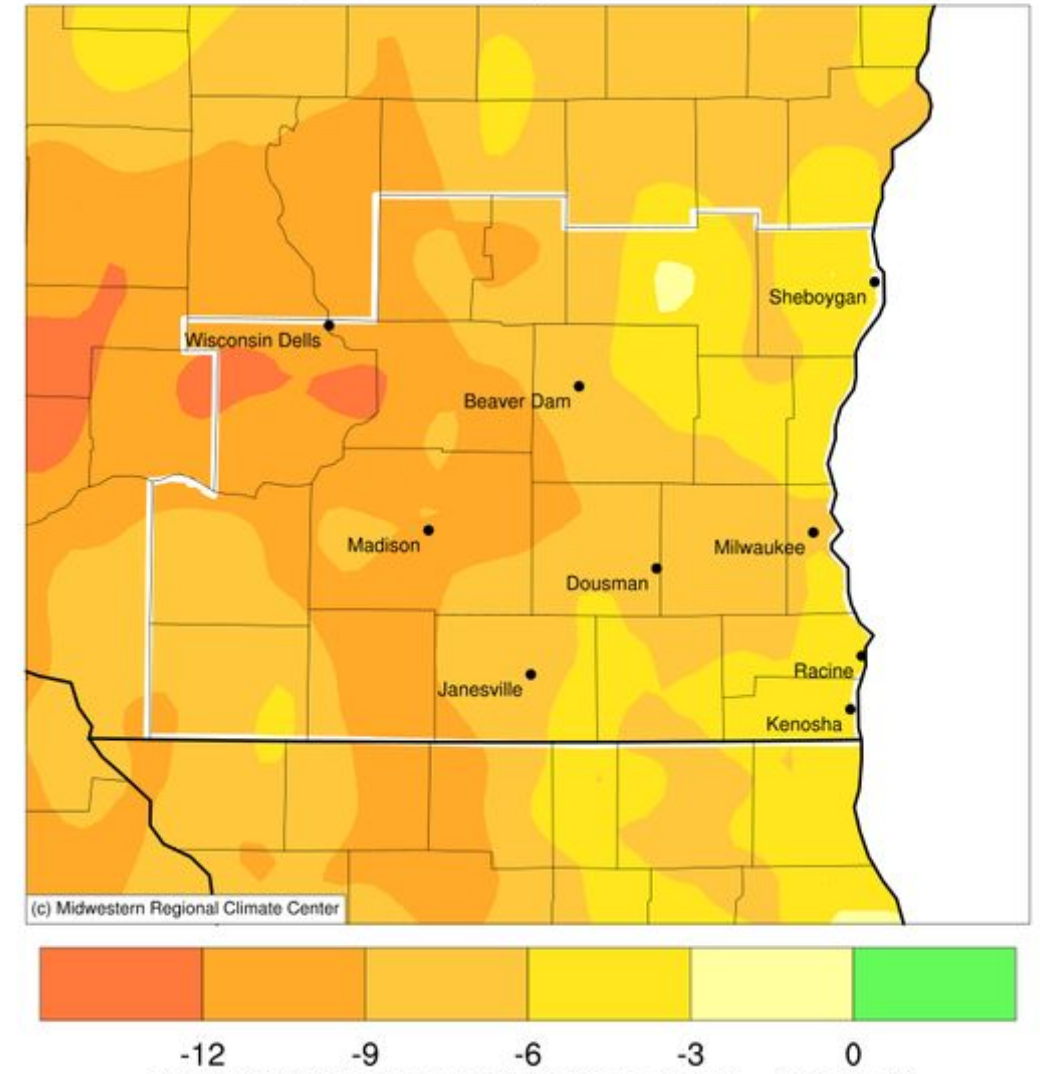
September 19, 2023 to September 26, 2023



Longer Term Departures From Normal

Accumulated Precipitation (in): Departure from 1991-2020 Normals

May 01, 2023 to September 26, 2023





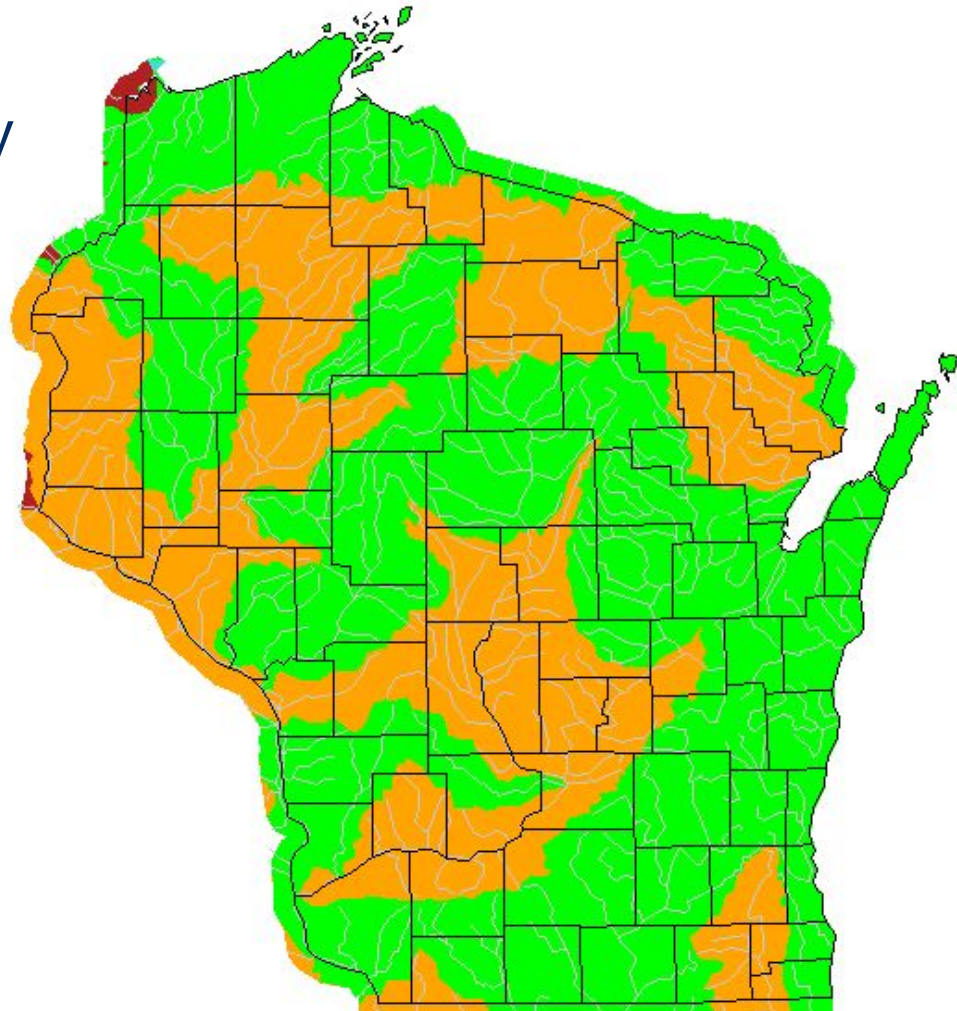
Current Conditions

September 28, 2023
10:15 AM

- 28 day streamflow values are in the 10 to 40th percentile. These values have been pretty consistent over the past month.
- CPC soil moisture values are in the 5 - 30th percentile.

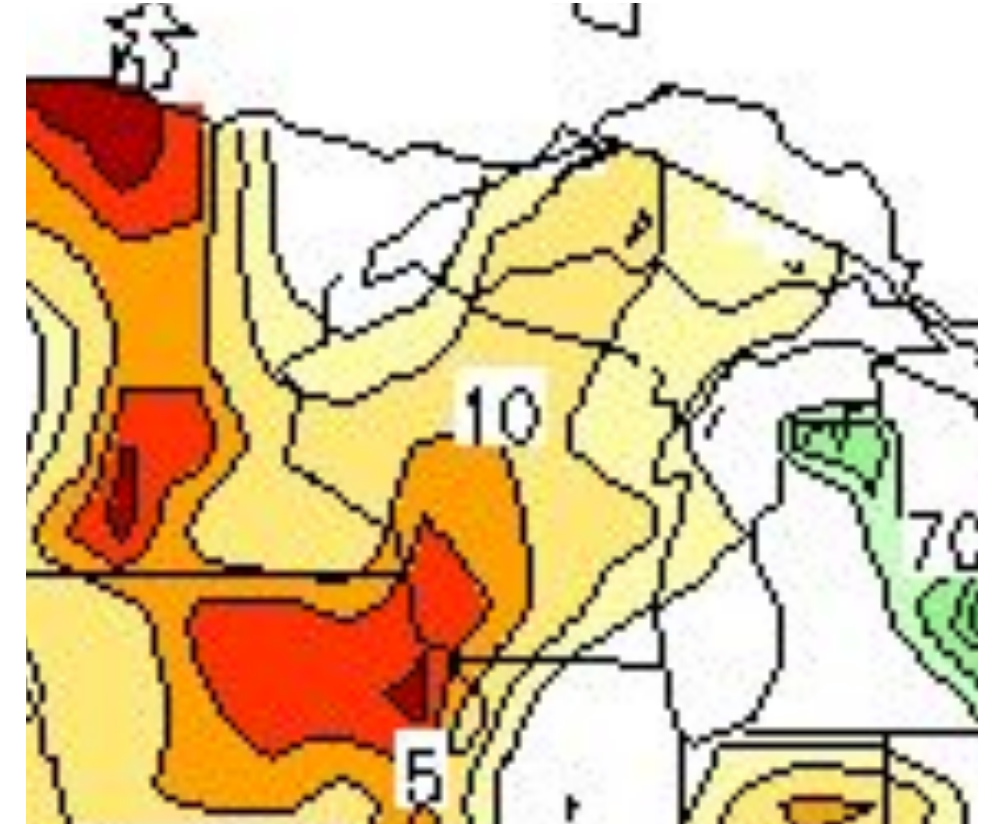
28 Day Streamflow

Monday, September 25, 2023



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Climate Prediction Center Calculated Soil Moisture Percentile Sep 25, 2023





Summary of Impacts

September 28, 2023
10:15 AM

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- Streamflows are average to below average

Agricultural Impacts

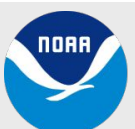
- In non-irrigated areas, lawns are browning, crops are showing signs of stress, and agriculture yields are reduced.

Fire Hazard Impacts

- DNR fire danger is low.

Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information





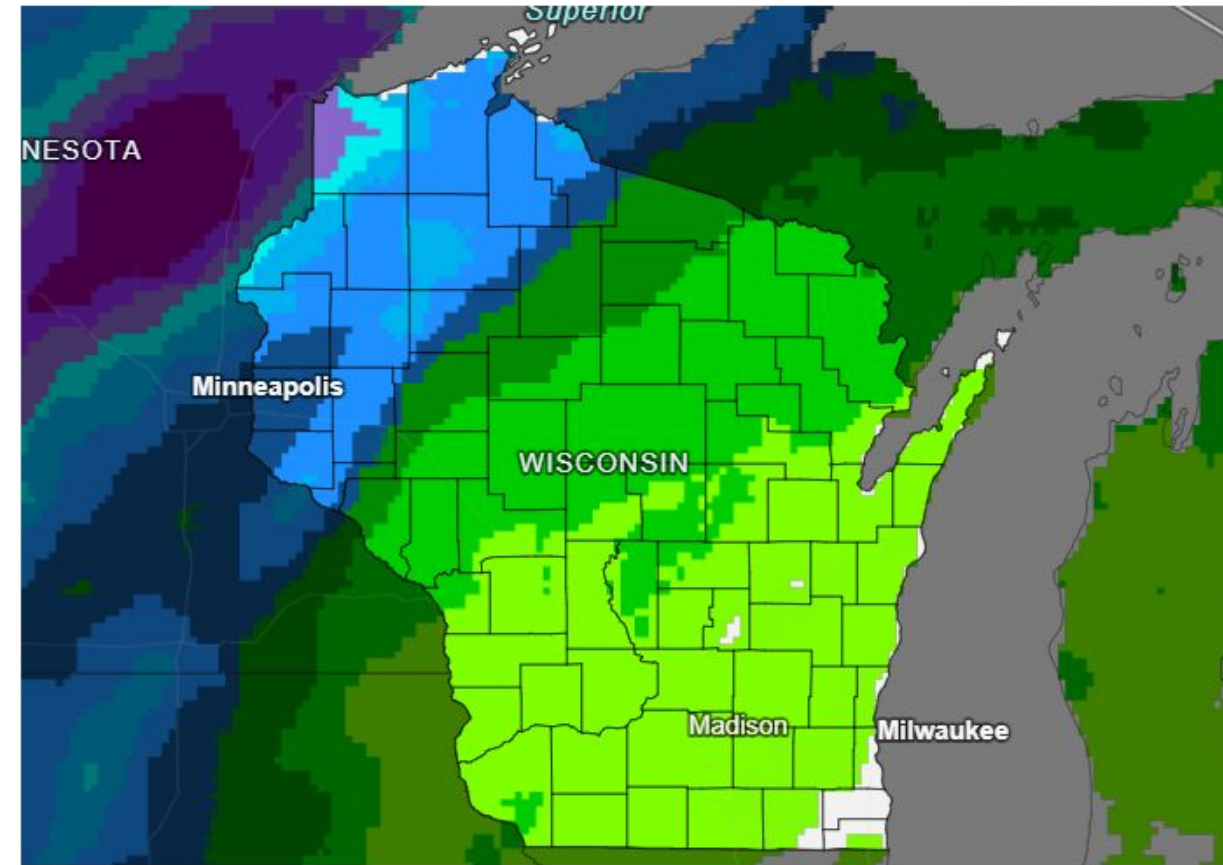
7 Day Precipitation Forecast

September 28, 2023
10:15 AM

7-Day Quantitative Precipitation Forecast



- Little rainfall is expected across southern Wisconsin over the next week.



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center
Data Valid: 09/27/23

[Drought.gov](https://drought.gov)

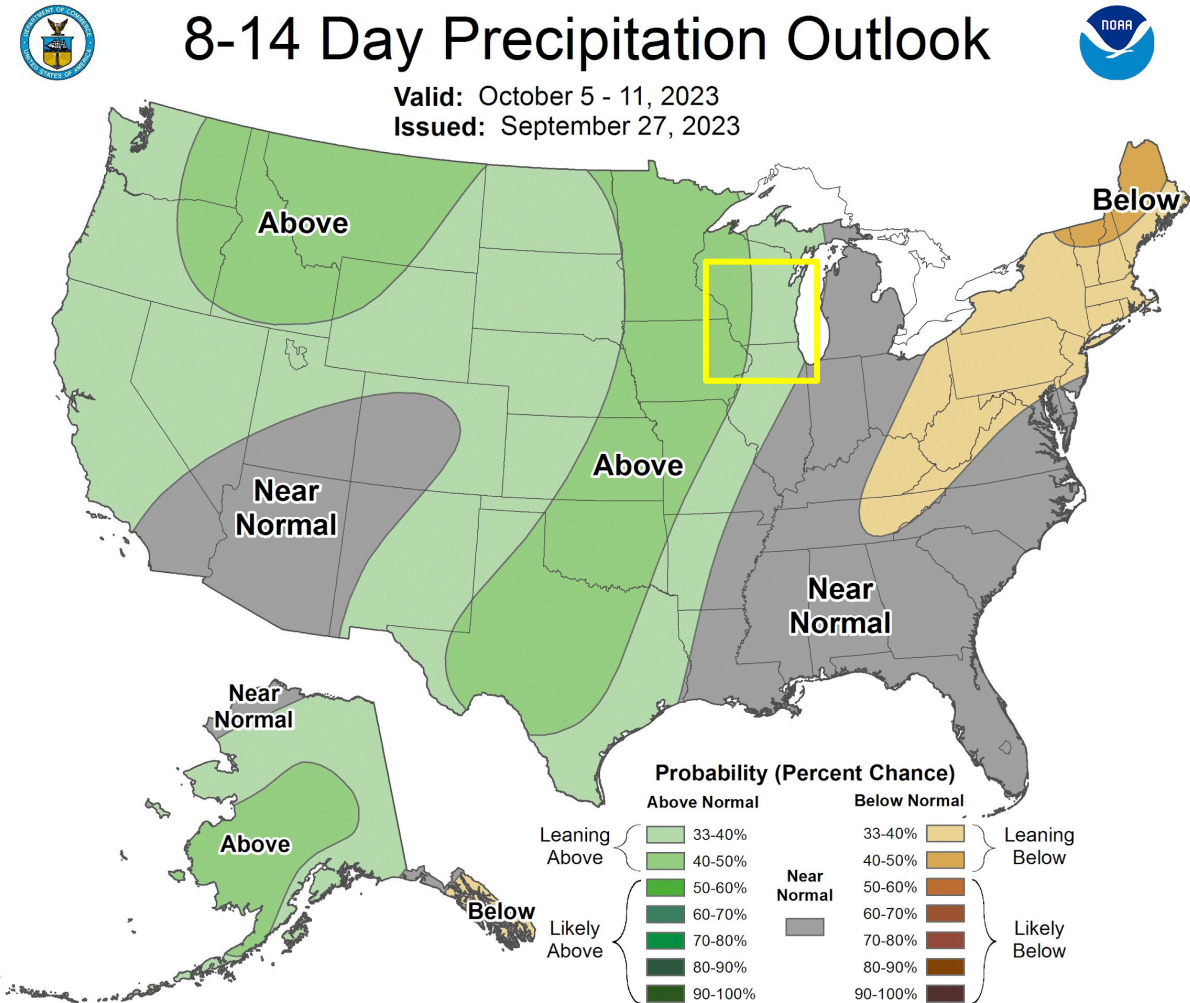
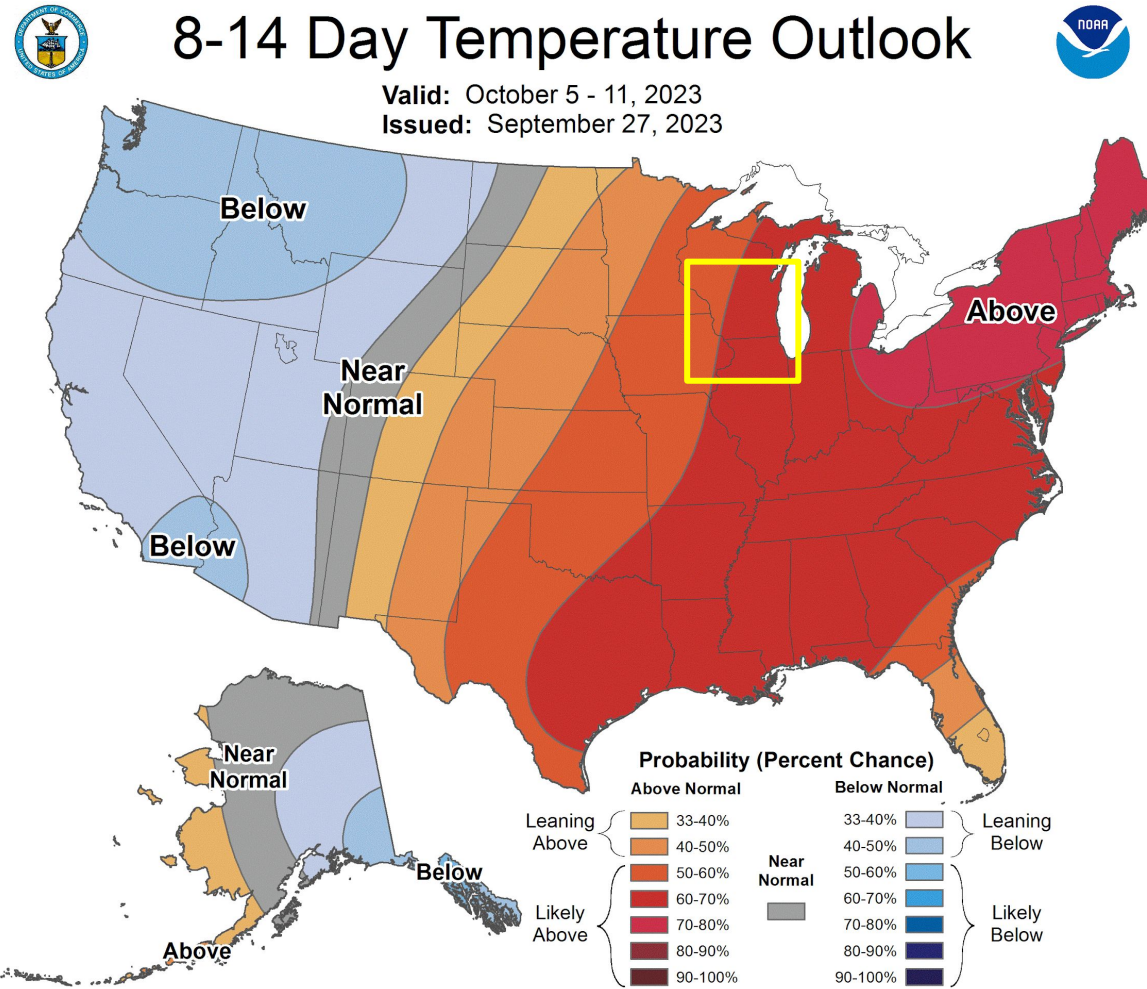




Temperature and Precipitation Outlook

September 28, 2023
10:15 AM

- The week 2 outlook, valid Oct 5-11, indicates enhanced odds for above average temperature and slightly enhanced odds for above average precipitation





Oct-Nov-Dec Outlook

September 28, 2023
10:15 AM

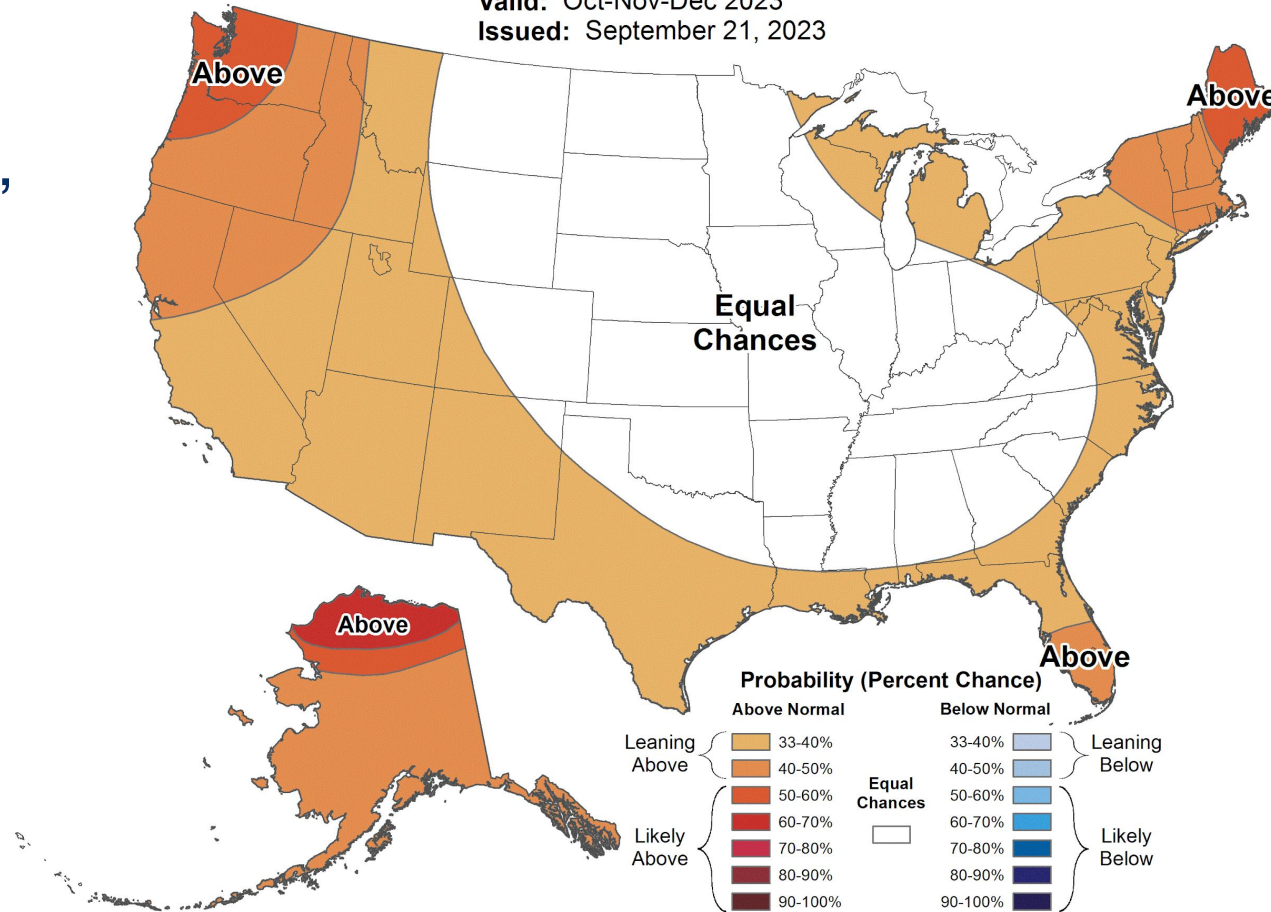
- There is little signal one way or the other for the October - November - December season, meaning there are equal chances for above, near and below average temperature and above, near and below average precipitation.



Seasonal Temperature Outlook



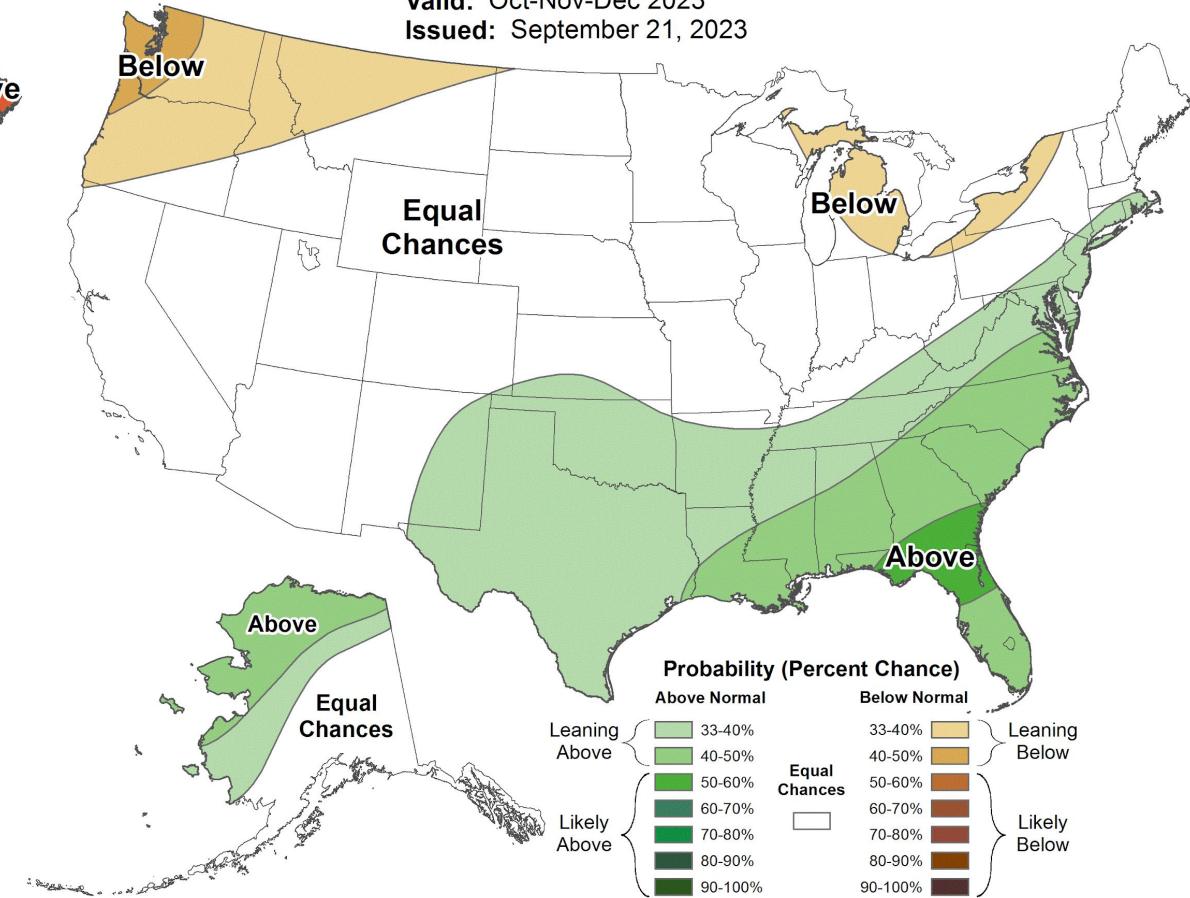
Valid: Oct-Nov-Dec 2023
Issued: September 21, 2023



Seasonal Precipitation Outlook



Valid: Oct-Nov-Dec 2023
Issued: September 21, 2023

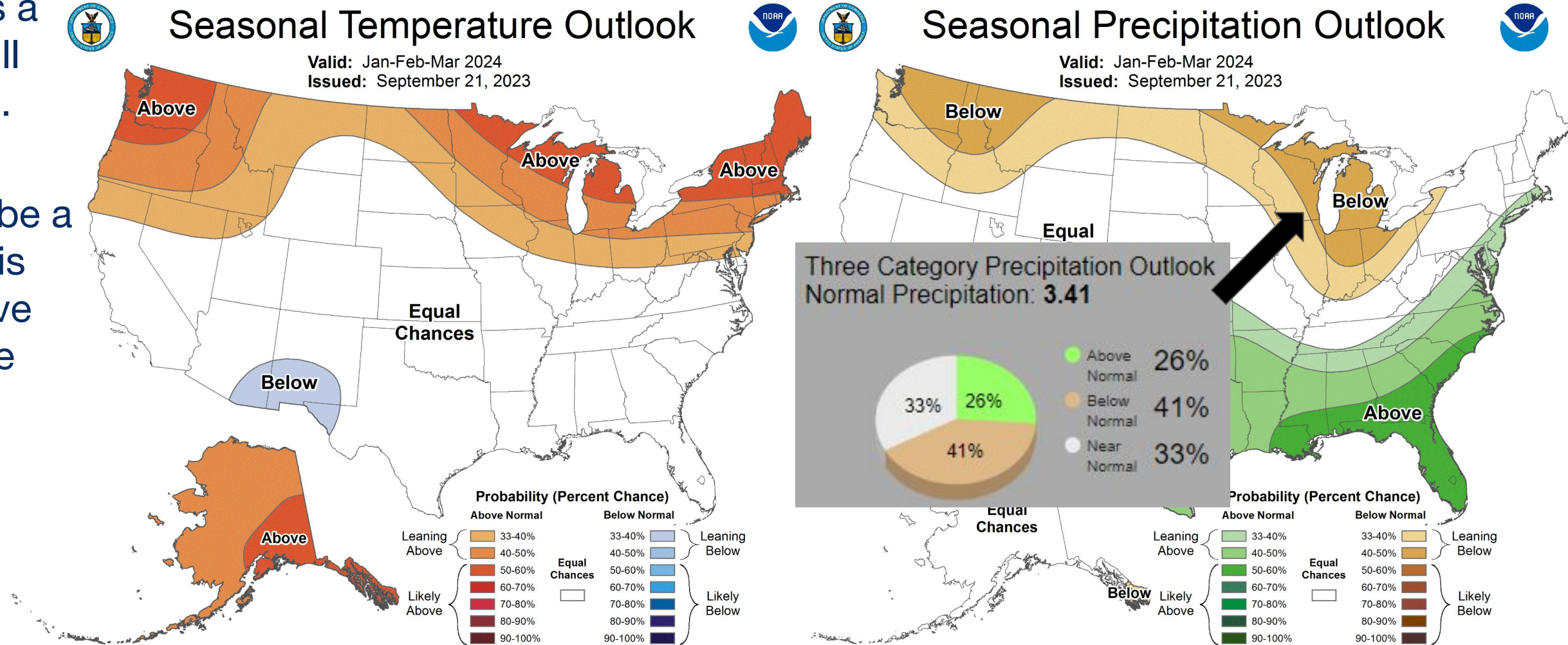




Jan-Feb-Mar Outlook

September 28, 2023
10:15 AM

- El Nino conditions are developing. There is a high chance they will continue into spring.
- Although there can be a lot of variation, this is correlated with above average temperature and below average precipitation in the Great Lakes region.





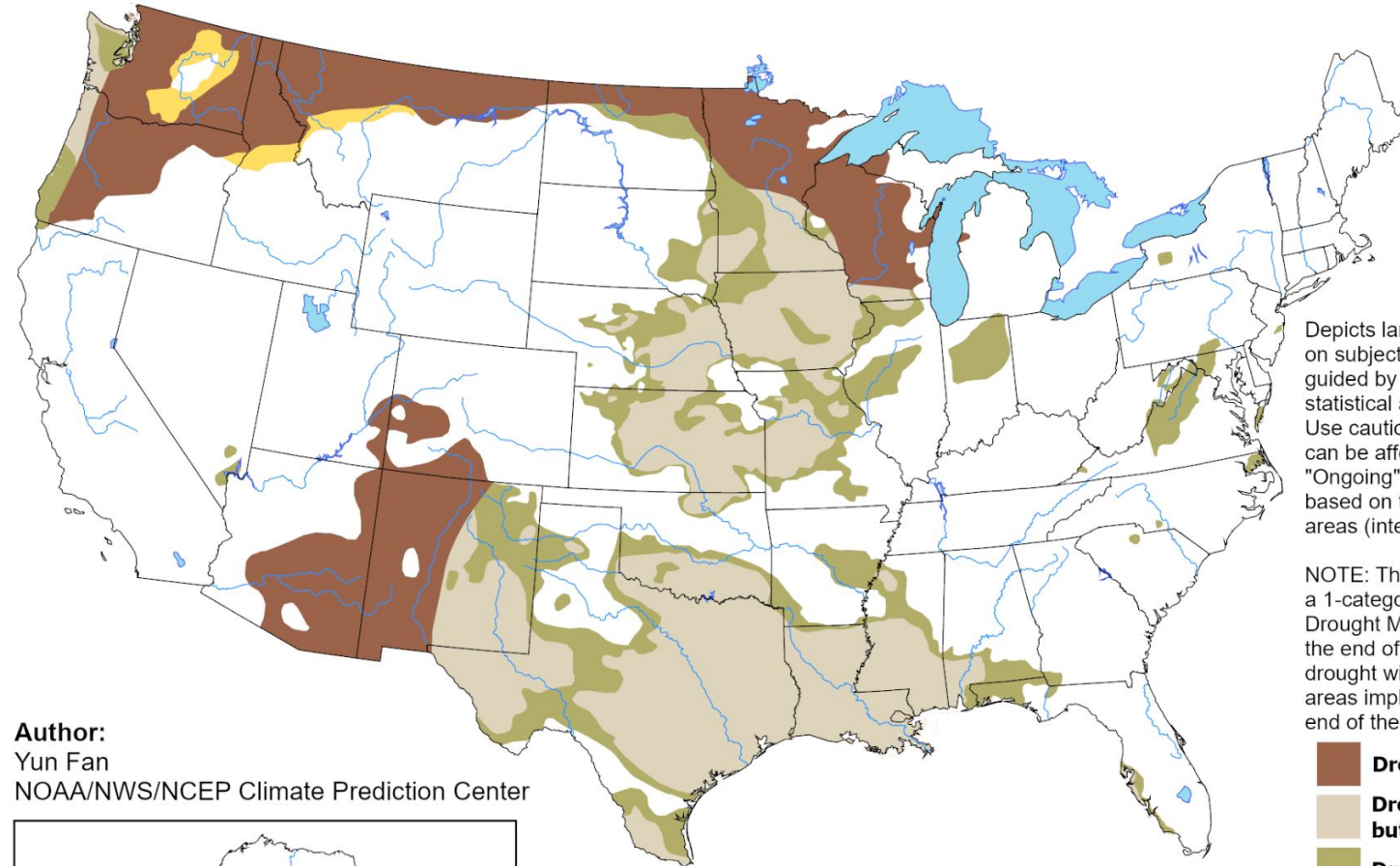
Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for September 21 - December 31, 2023
Released September 21, 2023

- Drought conditions are forecast to persist across southern Wisconsin during the fall season.
- Average precipitation this time of year is about 0.75 inches. At least this much rain for two weeks or more or at least twice that much in one week is likely needed to improve drought conditions.

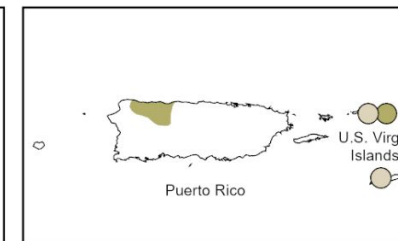
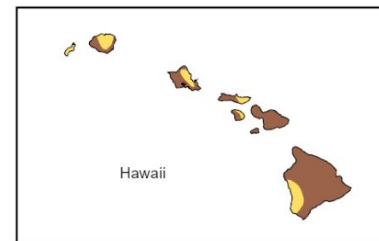
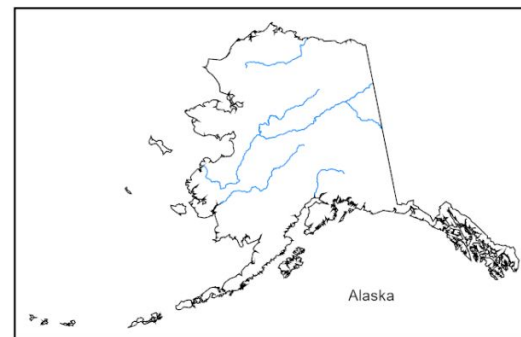


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- Drought persists**
- Drought remains, but improves**
- Drought removal likely**
- Drought development likely**
- No drought**

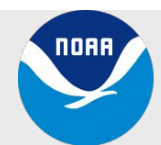
Author:
Yun Fan
NOAA/NWS/NCEP Climate Prediction Center



<https://go.usa.gov/3eZ73>

Links to the latest:

- [Climate Prediction Center Monthly Drought Outlook](#)
- [Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Milwaukee, WI